

CLAIMS

1. (Original) A method for distributing timing information amongst a plurality of master devices, the method comprising:

distributing a global clock to a first master device from the plurality of master devices wherein said first master device operates according to a local clock that is independent of said global clock;

determining an offset between said global clock and said local clock; and

distributing said offset to at least one master device other than said first master device.

2. (Original) The method of claim 1 wherein said global clock comprises a local clock of one of the plurality of master devices.

3. (Original) The method of claim 1 wherein said offset is distributed over a communication pathway linking said first one of said master devices to said at least one of said master devices.

4. (Original) The method of claim 3 wherein said communication pathway comprises a wired communication pathway.

5. (Original) The method of claim 3 wherein said communication pathway comprises a wireless communication pathway.

6. (Original) The method of claim 1 wherein said distributing said offset comprises storing said offset in a memory accessible to said plurality of master devices.

7. (Original) The method of claim 1 wherein said distributing said offset comprises providing said offset upon receiving a request from one of said plurality of master devices.

8. (Original) The method according to claim 1 wherein each of said plurality of master devices stores said offset.

9. (Original) The method of claim 1 wherein said master device comprises a Bluetooth™ device configured to act as a master.

10. (Original) A method for distributing timing information amongst of a plurality of master devices, the method comprising:

distributing a global clock to a first master device from the plurality of master devices;
generating a local clock using an offset and said global clock, wherein said local clock is used by said first master device; and
distributing said offset to a second master device selected from the plurality of master devices.

11. (Original) The method of claim 10 wherein each of said master devices includes a local oscillator and wherein said global clock comprises a clock signal generated by the local oscillator associated with one of the plurality of master devices.

12. (Original) The method of claim 10 wherein said offset is stored in a central location and provided to at least one of said master devices.

13. (Original) The method of claim 10 wherein said offset is stored locally at said second master device.

14. (Original) The method of claim 10 wherein said master device comprises a Bluetooth™ device configured to act as a master.

15. (Original) A system comprising:
a communication pathway;
a global clock, coupled to said communication pathway; and
a plurality of master devices coupled to said communication pathway, wherein each of said master devices includes:
a local clock generator that generates a local clock, and

means for determining an offset between said global clock and said local clock, wherein said offset is distributed to at least one of said master devices.

16. (Original) The system of claim 15 wherein said communication pathway comprises a wired communication pathway.

17. (Original) The system of claim 15 wherein said communication pathway comprises a wireless communication pathway.

18. (Original) The system of claim 15 wherein said global clock comprises one of said local clocks.

19. (Original) The system of claim 15 further comprising a memory coupled to said communication pathway, wherein said offsets are stored in said memory.

20. (Original) The system of claim 15 wherein said offset is distributed upon request by one of said master devices.

21. (Original) The system of claim 15 wherein each of said master devices further includes a local memory for storing offsets associated with at least one of said master devices.

22. (Currently Amended) The ~~method~~ system of claim 15 wherein said master device comprises a Bluetooth™ device configured to act as a master.

23. (Currently Amended) A system comprising:
a communication pathway;
a global clock coupled to said communication pathway;
a plurality of master devices coupled to said communication pathway, wherein each of said master devices includes

means for generating a local clock using an offset and said global clock, wherein said offset is available to other of said master devices via said communication pathway.

24. (Original) The system of claim 23 wherein said communication pathway comprises a wired communication pathway.

25. (Original) The system of claim 23 wherein said communication pathway comprises a wireless communication pathway.

26. (Currently Amended) The system of claim 23 ~~further comprising a memory coupled to said communication pathway, wherein said offsets are stored in said memory~~ global clock comprises one of said local clocks.

27. (Original) The system of claim 23 further comprising a memory coupled to said communication pathway, wherein said offsets are stored in said memory.

28. (Original) The system of claim 23 wherein said offset is distributed upon request by one of said master devices.

29. (Original) The system of claim 23 wherein each of said master devices further includes a local memory for storing offsets associated with at least one of said master devices.

30. (Currently Amended) The ~~method~~ system of claim 23 wherein said master device comprises a Bluetooth™ device configured to act as a master.